

MONTHLY EDITION NUMBER 36

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)

915 Second Avenue, Seattle, Washington 98174-1067

Telephone (206) 220-7270 FAX # (206) 220-7285

#### BROADCAST NOTICES TO MARINERS (BNMs)

This Local Notice to Mariners (LNM) includes information concerning waterways in the Thirteenth Coast Guard District promulgated by the following broadcasts:

BNM 0846-97 to 0857-97

LIGHT LIST REFERENCE: COMDTINST M16502.6, Light List Volume VI, 1997 Edition

\*\*\*Electronic Bulletin Board Service: (703) 313-5910\*\*\*

300 to 28.8 bps, 8 data bits, no parity, 1 stop bit

\*\*NIS watchstander, 24 hours a day at (703) 313-5900\*\*

\*INTERNET ADDRESS\*

HTTP://www.navcen.uscg.mil

or

FTP://ftp.navcen.uscg.mil

#### I. SPECIAL NOTICE

##### CANADA - REGULATORY REQUIREMENTS FOR FOREIGN COMMERCIAL FISHING VESSEL ENTERING CANADIAN WATERS -

The Coastal Fisheries Protection regulations were amended 16 July 1996 to introduce new requirements for foreign commercial fishing vessels. Department of Fisheries and Oceans is reminding affected parties that these requirements are still in effect.

Please be advised that masters of foreign commercial fishing vessels must, as soon as reasonably possible, after entering Canadian waters:

1. Notify the Department of Fisheries and Oceans of the name, flag, state, location, route and destination of the vessel and of the circumstances under which it entered Canadian fisheries waters.
2. Ensure that all fishing gear on board the vessel is stowed below deck or otherwise removed from the place where it is normally used for fishing and placed where it is not readily available for fishing, and
3. Where requested by a Protection Officer, proceed to a specified location so that a vessel inspection can be conducted.

These requirements do not apply to foreign fishing vessels operating under a Canadian fishing license. In addition, they do not apply to United States sport fishing vessels conducting normal sport fishing activities.

Affected vessel masters can notify Department of Fisheries and Oceans on the following Marine Communications and Traffic Service channels 71, 11, or 22A. At that time, fishery officials will advise if a vessel inspection is required and provide information on gear stowage.

The primary reason for the requirements is conservation. Failure to comply with requirements is viewed as a serious offense. The Coastal Fisheries Protection Act specifies a maximum penalty of \$100,000.

##### USA - LORAN-C TERMINATION STUDY -

The 1996 Federal Radionavigation Plan calls for the termination of Loran-C operations in the year 2000. The U.S. Department of Transportation (DOT) is undertaking a congressionally mandated review of the decision to cease operations. Booz-Allen & Hamilton, Inc., has been retained to assess the technical merits of extending Loran-C service beyond the year 2000 and to conduct a cost/benefit analysis of such an action. Booz-Allen will host a Users Conference, during which representatives of various Loran-C users will present information related to the system and its present and future use. The conference is scheduled for 08-09 September 1997, at Booz-Allen's headquarters in McLean, VA.

Because of the schedule and location, the conference may not provide every segment of the user community the opportunity to have input. Therefore, DOT is also soliciting written input from

individuals and organizations prior to, during and following the conference. These inputs may be mailed to:

DOT Loran-C Study Comments  
c/o Joseph R. Davis  
Booz-Allen & Hamilton, Inc.  
8251 Greensboro Dr.  
McLean, VA 22102

Telephone comments will not be accepted. E-mail comments may be forwarded to: loranc@bah.com. FAX comments may be sent to (703)917-3023. comments may be sent 24 hours a day. Comments are being solicited on any technical, operational or economic issue(s) associated with the proposed action. Comments should be factual, and if possible provide verifiable reference to the source of any data cited. Commentors may call (703)902-4671 during normal business hours (0800 to 1700 EST) to confirm receipt. All comments should identify the originator and provide some means (mail, telephone or E-mail) to allow return contact with the originator. Commentors should identify the specific Loran-C user community/communities (maritime, aviation, weather, timing and synchronization, etc.) they represent, and the specific use made (type of aircraft, vessel or other platform, where used, what other navigation systems are used, and typical navigation activity). In addition, comments should address safety, reliability and other system performance issues.

Inputs will be accepted until 15 December 1997; however, early submission will ensure time for the contractor and DOT to address key issues in the cost/benefit analysis and other technical reports.

#### WASHINGTON - SEQUIM - Outfall Work -

Outfall extension operations in Sequim, on the east side of Gibson Spit will commence 29 September and conclude the first week of November 1997. Floating equipment will have anchor lines and mooring buoys deployed during these operations. Proper lights and day shapes will be deployed. The mooring buoys will show a flashing Yellow light. The floating equipment will monitor VHF-FM Channels 14 and 16. Mariners are urged to use extreme caution when transiting in the vicinity of the floating equipment. Chart 18471

#### REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT I. SPECIAL NOTICE (continued)

#### OREGON - COLUMBIA RIVER ENTRANCE - Deployment of Hydrodynamic Measurement Instruments -

Hydrodynamic measurement instruments have been deployed at the mouth of the Columbia River on the seabed and will remain for a period of 30-60 days. There will be subsequent deployments of 60-100 days that will continue through March 1998 or later. There are three location within four miles of the entrance channel. The positions are listed below:

| INSTRUMENT NUMBER | POSITION                   | DEPTH (MLLW) |
|-------------------|----------------------------|--------------|
| 1                 | 46°14'46.7"N 124°07'25.8"W | 47 ft        |
| 2                 | 46°14'09.9"N 124°10'32.2"W | 65 ft        |
| 3                 | 46°13'56.7"N 124°11'08.6"W | 110 ft       |

#### WASHINGTON - SEACOAST - Oceanographic Research Operations -

The R/V THOMAS G. THOMPSON (KTDQ) will be conducting oceanographic research operations in the following areas from 03 October through 16 October 1997:

POSITION  
47°59'N 125°38'W

47°59'N 125°23'W  
48°09'N 125°38'W  
48°09'N 125°23'W

Mariners are requested to give a 1 nautical mile berth.  
Charts 18480 and 18500

**WASHINGTON - GRAYS HARBOR - DEPLOYMENT OF CURRENT METER ARRAY -**

A current meter array has been deployed off Grays Harbor in approximate position 46°-51.7' N and 124°-14.8' W, approximately .75 NM Southwest of the Grays Harbor Buoy in 21 fathoms of water. The array is bottom anchored with the top float extending to 60 feet below the surface.

**WASHINGTON - STRAIT OF JUAN DE FUCA - PORT ANGELES - Multi Agency Operation -**

Commencing 1000 local 18 September through 1200 local 21 September 1997 multiple agencies will engage in surface and subsurface exercises. These operations will be on a 24 hour basis, encompassing Coast Guard Group Port Angeles and the inner bay. Approximate exercise positions are bounded by 48°07'00"N 123°23'00"W to 48°08'30"N 123°27'00"W and southwestward to shore. There will be 10 to 15 small boats involved in the operation. Diver operations will be in the water along the beach between the end of Ediz Hook and the Coast Guard T-pier. Mariners are requested to stay clear of the operation area.

Chart 18468

**WASHINGTON - PORT ANGELES - PORT OF PORT ANGELES OUTFALL WORK -**

Construction has commenced on the outfall in Port Angeles and will finish the second week in September. Floating equipment will have anchor lines and buoys out during construction. The buoys will be lighted showing a flashing yellow light. Mariners are urged to use extreme caution when transiting the area.

Chart 18468

**OREGON - WILLAMETTE RIVER - Steel Bridge - Bridge Information -**

The draw need not open from 0815 local to 1330 local on 27 September 1997, to accommodate the Portland Marathon.

Chart 18526

**WASHINGTON - LAKE WASHINGTON SHIP CANAL - Bridge Information -**

The draw of the Fremont Bridge need not open both leaves unless one hour notice is provided Monday through Friday 0600 local to 2200 local and from 0700 local to 2200 local on Saturdays. Single-leaf openings will be provided on signal per the normal operating schedule. Vertical clearance may be reduced by three feet when the debris containment system is in place during the painting project. These special operations, currently in effect, are extended to 01 October 1997.

Chart 18447

**II. DISCREPANCIES - DISCREPANCIES CORRECTED**

THE FOLLOWING AIDS TO NAVIGATION ARE NOT WATCHING AS ADVERTISED IN THE  
LIGHT LIST VOLUME VI, THIRTEENTH DISTRICT SECTION:

- Underlined text denotes new discrepancy since last LNM.

**FEDERAL AIDS**

| LL #    | Aid Name            | Status | Chart | BNM | LNM                     |
|---------|---------------------|--------|-------|-----|-------------------------|
| 00760   | CAPE FLATTERY LIGHT |        |       |     | IMPROPER CHARACTERISTIC |
| 18485   | 0761-97             | 31/97  |       |     |                         |
| 09275   | UMPQUA RIVER LB 6A  |        |       |     | OFF STATION             |
| 0604-97 | 23/97               |        |       |     | 18584                   |

|         |                                     |                         |             |
|---------|-------------------------------------|-------------------------|-------------|
| 09285   | WINCHESTER BAY HBR ENTRANCE DBN 1   | MISSING                 | 18584       |
| 1322-96 | 49/96                               |                         |             |
| 09315   | UMPQUA RIVER LIGHT 15               | MISSING                 | 18584 1329- |
| 96      | 49/96                               |                         |             |
| 11165   | WILLOW DIKE LIGHT 26                | EXTINGUISHED            | 18524       |
| 0769-97 | 34/97                               |                         |             |
| 11405   | GOVERNMENT ISLAND MIDDLE RF LIGHT   | OBSCURED                | 18531 0807- |
| 97      | 33/97                               |                         |             |
| 11555   | WASHOUGAL UPPER RANGE REAR LIGHT    | REDUCED INTENSITY       |             |
| 18531   | 0803-97 33/97                       |                         |             |
| 15190   | WILLAPA BAY ENTRANCE BUOY 8         | MISSING                 | 18504       |
| 0036-97 | 02/97                               |                         |             |
| 15585   | POINT CHEHALIS RANGE FRONT LIGHT    | IMPROPER CHARACTERISTIC |             |
| 18502   | 0430-97 15/97                       |                         |             |
| 15615   | GRAYS HARBOR SOUTH REACH A RR LIGHT | MISSING TOP DAYBOARD    |             |
| 18502   | 0416-97 15/97                       |                         |             |
| 15965   | JOHNS RIVER DAYBEACON 3             | DAYBOARDS MISSING       | 18502       |
| 0536-97 | 20/97                               |                         |             |
| 16830   | BLAKELY ROCK LIGHT                  | EXTINGUISHED            | 18449       |
| 0698-97 | 28/97                               |                         |             |
| 17225   | POINT EVANS LIGHT 4                 | IMPROPER CHARACTERISTIC |             |
| 18474   | 0686-97 28/97                       |                         |             |
| 18850   | LACONNER RANGE FRONT LIGHT 18       | MISSING                 | 18427       |
| 0198-95 | 08/95                               |                         |             |
| 19000   | CAP SANTE DAYBEACON 3               | DESTROYED               | 18427       |
| 0537-97 | 20/97                               |                         |             |
| 19970   | INTERNATIONAL BOUNDARY A RF LIGHT   | EXTINGUISHED            |             |
| 18421   | 0800-97 33/97                       |                         |             |

#### PRIVATE AIDS

| LL #  | Aid Name        | Status | Chart | BNM | LN | M |
|-------|-----------------|--------|-------|-----|----|---|
| 16850 | SHIPMATES LIGHT |        |       |     |    |   |
| 97    | 35/97           |        |       |     |    |   |

NOTE: Mariners are cautioned that portions of missing structures may remain.  
 THE FOLLOWING AIDS TO NAVIGATION DISCREPANCIES HAVE BEEN CORRECTED SINCE  
 THE LAST LOCAL NOTICE TO MARINERS:

#### II. DISCREPANCIES - DISCREPANCIES CORRECTED (continued)

##### FEDERAL AIDS

| LL # | Aid Name | Status | Chart | BNM | LN | M |
|------|----------|--------|-------|-----|----|---|
|------|----------|--------|-------|-----|----|---|

##### PRIVATE AIDS

| LL #  | Aid Name                  | Status | Chart | BNM | LN | M |
|-------|---------------------------|--------|-------|-----|----|---|
| 17535 | POINT HUDSON MARINA LIGHT |        |       |     |    |   |
| 18441 | 0450-97 16/97             |        |       |     |    |   |

#### III. TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED

LEGEND: TRUB = Temporary Unlighted Buoy

TRLB = Temporary Lighted Buoy

TRLT = Temporary Light

THE FOLLOWING AIDS TO NAVIGATION HAVE BEEN TEMPORARILY CHANGED:

| LL # | Aid Name | Status | Chart | BNM | LN | M |
|------|----------|--------|-------|-----|----|---|
|------|----------|--------|-------|-----|----|---|

|              |                                    |              |       |         |
|--------------|------------------------------------|--------------|-------|---------|
| 09285        | WINCHESTER BAY HBR ENTRANCE DBN 1  | TRUB         | 18584 | 1322-   |
| 96           | 49/96                              |              |       |         |
| 09315        | UMPQUA RIVER LIGHT 15              | TRLB         | 18584 | 1329-96 |
| 49/96        |                                    |              |       |         |
| 09520        | SIUSLAW RIVER CHANNEL DBN 14       | TRUB         |       | 18583   |
| 0238-96      | 08/96                              |              |       |         |
| 09560        | SIUSLAW RIVER CHANNEL DAYBEACON 26 | TRUB         |       | 18583   |
| 0351-96      | 09/96                              |              |       |         |
| 09856        | GARIBALDI CHANNEL LT 14            | TRUB         | 18558 | 0953-   |
| 95           | 32/95                              |              |       |         |
| 11365        | GOVERNMENT ISLAND SOUTH CH DBN 19  | TRUB         |       | 18531   |
| 0674-96      | 19/96                              |              |       |         |
| 16790        | SHILSHOLE BAY BREAKWATER LIGHT 3   | SOUND SIGNAL |       |         |
| DISCONTINUED | 18446 1315-96                      | 48/96        |       |         |
| 19005        | CAP SANTE DAYBEACON 3              | TRUB         | 18427 | 0550-   |
| 97           | 20/97                              |              |       |         |

THE FOLLOWING TEMPORARY AIDS TO NAVIGATION HAVE EITHER BEEN RESTORED TO NORMAL OPERATION OR DISCONTINUED:

|      |          |        |       |     |    |
|------|----------|--------|-------|-----|----|
| LL # | Aid Name | Status | Chart | BNM | LN |
| NONE |          |        |       |     |    |

#### IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

|                    |   |         |                   |                |
|--------------------|---|---------|-------------------|----------------|
| Chart              | Chart   | Edition | Last Local Notice | Source of      |
| Current Local      |   |         |                   |                |
| number             | edition   | date    | to Mariners       | Datum          |
| Notice to Mariners |   |         |                   | Correction     |
|                    |   |         |                   |                |
|                    |   |         |                   |                |
| 18555              | 1st Ed.   | 1/16/56 | Last LNM 1/69     | NAD 83 (GS-95) |
|                    |   | 03/95   |                   |                |
|                    | ID - FRANKLIN LAKE - LEE HARBOR - PARKER WATERWAY - |         |                   |                |
| (CGD13)            |   |         |                   |                |
| Add                | Parker Channel Light "2", Fl R 4sec 45FT 8M         |         |                   | 48°24'57"N     |
| 116°20'30"W        |   |         |                   |                |

|          |            |                      |  |
|----------|------------|----------------------|--|
|          |            |                      |  |
|          |            |                      |  |
|          | Corrective | Object of corrective |  |
| Position | action     | action               |  |

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles.

|              |  |                |        |                            |
|--------------|--|----------------|--------|----------------------------|
| 18521        | 63rd ed., 12/28/96                         | LAST LNM 29/97 | NAD 83 | OR & WA - COLUMBIA RIVER - |
|              | (CGD13)                                    | 36/97          |        |                            |
|              | PACIFIC OCEAN TO HARRINGTON POINT          |                |        |                            |
| Change       | Astoria Basin North Light, to (Priv maint) |                |        |                            |
| 46°11'23.4"N | 123°51'22.5"W                              |                |        |                            |

Astoria West Basin South Light, to (Priv maint)  
46°11'23.4"N 123°51'16.5"W

18524 28th ed., 12/28/96 LAST LNM 29/97 NAD 83 OR - COLUMBIA RIVER -  
(CGD13)36/97

CRIMS ISLAND TO SAINT HELENS

Change Matthews Point West Light, to (Priv maint)  
45°38'45.4"N 122°44'08.4"W  
Matthews Point East Light, to (Priv maint)  
45°38'45.4"N 122°44'00.4"W

18526 50th ed., 12/28/96 LAST LNM 29/97 NAD 83 OR - PORT OF PORTLAND,  
(CGD13)36/97

INCLUDING VANCOUVER

Change Swan Island Pier Light A, to (Priv maint)  
45°34'07.2"N 122°43'25.9"W  
Swan Island Pier Light C to (Priv maint)  
45°34'05.4"N 122°43'33.7"W

18531 18th ed., 02/19/94 LAST LNM 32/97 NAD 83 OR & WA - COLUMBIA RIVER -  
(CGD13)36/97

VANCOUVER TO THE DALLES

Change Hood River Marina Entrance East Light, to (Priv maint)  
45°42'50.0"N 121°30'03.0"W  
Hood Marina Entrance West Light, to (Priv maint)  
45°42'50.8"N 121°30'08.1"W

18533 10th ed., 03/31/90 LAST LNM 26/97 NAD 83 OR & WA - COLUMBIA RIVER -  
(CGD13)36/97

LAKE CELILO

Change Tidewater Mooring Buoy A & B, to  
(Priv Maint) (Priv maint) 45°40'12.4"N  
120°50'58.2"W  
Tidewater Mooring Barge Lights A, to (Priv maint)  
45°40'12.4"N 120°50'58.2"W  
Tidewater Mooring Barge Light B, to (Priv maint)  
45°40'10.0"N 120°51'02.0"W

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

During the month of September 1997, Yaquina River Daybeacon 30 (LLNR 9725) will be discontinued.  
Yaquina River Buoy 30A (LLNR 9730) will be renumbered to Yaquina River Buoy 30.  
Chart 18581

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

NONE

VII. GENERAL

DREDGING IN PROGRESS OR PLANNED WITHIN THE 13th COAST GUARD DISTRICT.  
MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION AND REDUCE THEIR WAKE WHEN  
TRANSITING THESE AREAS:

| Location | Area | Start | Complete | Chart |
|----------|------|-------|----------|-------|
|----------|------|-------|----------|-------|

|                |                    |          |          |       |
|----------------|--------------------|----------|----------|-------|
| Grays Harbor   | Cow Point          | 03/09/97 | 08/14/97 | 18502 |
| Willapa Harbor | Bar Middle Channel | 07/25/97 | 08/15/97 | 18504 |

FISHERIES/BIOLOGICAL SAMPLING, PIER CONSTRUCTION, HYDROGRAPHIC SURVEYS, ETC., CURRENTLY IN PROGRESS WITHIN THE 13th COAST GUARD DISTRICT. ALL MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION WHEN TRANSITING THESE AREAS:

| Location                       | Area           | Start    | Complete                  | Type of Work |                 |
|--------------------------------|----------------|----------|---------------------------|--------------|-----------------|
| Lk. Wash. Ship Canal           |                |          | Fremont Bridge            | 05/06/97     | 08/30/97        |
| Maintenance                    |                |          |                           |              | Scheduled       |
| Lake Washington                |                |          | Evergreen Floating Bridge | 06/01/97     | 09/17/97        |
| Maintenance work               |                |          |                           |              |                 |
| Tacoma                         | Blair Waterway | 01/28/97 | To Be Announced           |              | 11th St. Bridge |
| Demolition                     |                |          |                           |              |                 |
| Snohomish River                |                |          | State Route 529 Bridges   | 05/06/97     | To Be Announced |
| Replacement of old lift cables |                |          |                           |              |                 |

WASHINGTON - PUGET SOUND - Marine Events - Puget Sound Area -

| AREA/LOCATION                       | DATE     | TIME | EVENT     | SPONSOR            | PHONE #                     |
|-------------------------------------|----------|------|-----------|--------------------|-----------------------------|
| Clockwise around Guemes Island      | 09/13/97 |      | 1800-2300 | Sail Boat Race     | Anacortes YC                |
| 293-5134                            |          |      |           |                    |                             |
| Sinclair Bay - Spring Beach         | 09/13/97 |      | 1000-1800 | Sail Boat Race     | Sloop Tavern YC             |
| 783-2598                            |          |      |           |                    |                             |
| Port Madison/ Agate Pass/ Return    | 09/13/97 |      | 1100-1600 | Navigation Contest | Seattle                     |
| YC 454-9648                         |          |      |           |                    |                             |
| Meadow Pt                           | 09/17/97 |      | 1800-2100 | Sail Boat Race     | Corinthian YC of Seattle    |
| 1919                                |          |      |           |                    | 789-                        |
| Des Moines Marina                   | 09/18/97 |      | 1800-2130 | Sail Boat Race     | Three Tree Point YC         |
| 878-5514                            |          |      |           |                    |                             |
| West Point/ Meadow Point/ Shilshole | 09/20/97 |      | 1000-1700 | Sail Boat Race     | Sloop                       |
| Tavern YC 783-2589                  |          |      |           |                    |                             |
| Meadow Pt                           | 09/24/97 |      | 1800-2100 | Sail Boat Race     | Corinthian YC of Seattle    |
| 1919                                |          |      |           |                    | 789-                        |
| Around Marrowstone Island           | 09/27/97 |      | 1000-1500 | Sail Boat Race     | Port Ludlow YC              |
| 437-0814                            |          |      |           |                    |                             |
| Commencement Bay                    | 09/27/97 |      | 1000-1400 | Sail Boat Race     | Windseekers                 |
| 5207                                |          |      |           |                    | 838-                        |
| Lake Union                          | 09/27/97 |      | 1200-1700 | Sail Boat Race     | The Center for Wooden Boats |
| 783-4851                            |          |      |           |                    |                             |
| Fort Flagler/ Colvos Rocks          | 09/28/97 |      | 1000-1500 | Sail Boat Race     | Port Ludow                  |
| Yacht Club 437-0814                 |          |      |           |                    |                             |
| Des Moines Marina                   | 09/28/97 |      | 1800-2130 | Sail Boat Race     | Three Tree Point YC         |
| 878-5514                            |          |      |           |                    |                             |
| Lake Union                          | 09/28/97 |      | 1200-1700 | Sail Boat Race     | The Center for Wooden Boats |
| 783-4851                            |          |      |           |                    |                             |

OREGON - Marine Events - Portland Area -

| AREA/LOCATION | DATE | TIME | EVENT | SPONSOR | PHONE # |
|---------------|------|------|-------|---------|---------|
| NONE          |      |      |       |         |         |

OREGON - WASHINGTON - COLUMBIA RIVER - Bridge Information -

The dual vertical lift spans of the I-5 Bridge at Vancouver, Washington, need not open for the passage of vessels from midnight 16 September until midnight 07 October 1997. The closure is for major mechanical repair. Mariners are requested to stay well clear of the drawspan channel during the project.





-----  
--  
-----  
--

02 September 97 PAGE # OF 4 NOTICE NO. 36